

Hardware Specifications

- ◆ 1 GHz or faster processor
- ◆ 1 GB RAM or greater memory
- ◆ 9.5 inch (10 inch class) or larger screen size
- ◆ 1024 x 768 resolution or better without panning
- ◆ Input device requirements



Operating Systems

- ◆ Windows 7 or newer
- ◆ Mac OS X 10.7 or newer
- ◆ Linux (Ubuntu 11.10), Fedora 16 or newer
- ◆ Chrome OS 19 or newer
- ◆ Apple iOS 6 or newer
- ◆ Android 4.0 or newer

Devices (if they can support specifications and security controls)

- ◆ Desktops
- ◆ Laptops
- ◆ Tablets
- ◆ Netbooks -
(Still determining screen resolution required to avoid panning/scrolling)
- ◆ Thin Clients



Security Control Considerations

- ◆ Restricted Internet access
- ◆ Availability of Secure Browser
- ◆ Cameras – still and video
- ◆ Screen Capture – live and recorded
- ◆ IM/email
- ◆ Bluetooth connections
- ◆ Application Switching
- ◆ Printing

Additional Information

- ◆ Bandwidth Requirements – Recommended 100 Kbps/student or faster
- ◆ Research studies on use of virtual vs. external keyboards – Coming Spring 2013
- ◆ Accessibility & Accommodation Guidelines – Coming June 2013/Final Guidelines expected early 2014
- ◆ Testing Platform Software - Coming Summer 2013
- ◆ Input Device Requirements - Coming Fall 2013
- ◆ Software and/or browser requirements – October 2013
- ◆ PARCC Test Administration Manual, Style Guide, Online and State level PD – Summer/Fall 2013



Technology Decisions Timeline

Provided by PARCC for all states – NYSED to provide NYS Guidance

	SPRING 2012 Version 1.0	FALL 2012 Version 2.0 2.1 update released February 2013	SUMMER/FALL 2013 Version 3.0
Hardware	Establish minimum guidelines for new hardware.	Define the oldest systems that will be supported for 2014-2015 assessments based on data from the Technology Readiness Tool.	Fall - Provide final guidelines for 2014-2015 assessments.
Security	Considerations for device security requirements.	Updates to security considerations as necessary.	Fall - Final security requirements for 2014-2015 assessments.
Bandwidth	Does not define specifications for bandwidth.	Define minimum bandwidth guidelines based on data from the Technology Readiness Tool and the item/delivery platform design phases.	Fall - Final bandwidth specifications for 2014-2015 assessments.
Software	Does not define specifications for testing software.	Will not define specifications for testing software.	Fall - Final guidelines for 2014- 2015 assessments based on test item and delivery platform designs.